

U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE		DATE: August 30, 2006
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. Application. No. (if known): 10/591120
INTERNATIONAL APPLICATION NO.: PCT/JP2005/013802	INTERNATIONAL FILING DATE: July 28, 2005	PRIORITY DATE CLAIMED: July 29, 2004
TITLE OF INVENTION: RESIDUAL STRESS IMPROVING APPARATUS FOR PIPING TECHNICAL FIELD		
APPLICANT(S) FOR DO/EO/US: Takashi AKABA et al.		
Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 USC 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)): a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
ITEMS 11. TO 20. BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:		
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98 together with the international search report, PTO/SB/08 and 7 references.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. ASSIGNEE NAME AND ADDRESS: MITSUBISHI HEAVY INDUSTRIES, LTD., Tokyo, Japan. Please publish the assignee data with the application.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 C.F.R. 1.76</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: 7 sheets of Drawings.</p>		

U.S. APPLICATION NO. (if known) 10/591120		INTERNATIONAL APPLICATION NO. PCT/2005/013802																																																					
The following fees are submitted:		CALCULATIONS	PTO USE ONLY																																																				
21. <input checked="" type="checkbox"/> Basic National Stage Fee \$300 22. <input checked="" type="checkbox"/> National Stage Examination Fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) \$100 All other situations \$200		\$ 300.00 \$ 200.00 \$ 400.00																																																					
23. <input checked="" type="checkbox"/> National Stage Search Fee Search fee (37 CFR 1.445(a)(2) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared and provided to the Office \$400 All other situations \$500		ENTER APPROPRIATE BASIC FEE AMOUNT = \$ 900.00																																																					
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).																																																							
<table border="1"> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> </tr> </thead> <tbody> <tr> <td>TOTAL</td> <td>24 -20 =</td> <td>4</td> <td>X \$ 50.00 \$ 200.00</td> </tr> <tr> <td>INDEPENDENT</td> <td>1 - 3 =</td> <td></td> <td>X \$ 200.00</td> </tr> <tr> <td colspan="2">Multiple dependent claims(s) (if applicable)</td> <td></td> <td>+ \$360.00 \$ 360.00</td> </tr> <tr> <td colspan="2">TOTAL OF ABOVE CALCULATIONS =</td> <td></td> <td>\$1,460.00</td> </tr> <tr> <td colspan="4">National Stage Application Size Fee-for each additional 50 sheets that exceeds 100 sheets \$ 250.00.</td> </tr> <tr> <td colspan="4">Reduction by 1/2 for filing by small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28).</td> </tr> <tr> <td colspan="2">SUBTOTAL =</td> <td colspan="2">\$1,460.00</td> </tr> <tr> <td colspan="4">Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). +</td> </tr> <tr> <td colspan="2">TOTAL NATIONAL FEE =</td> <td colspan="2">\$1,460.00</td> </tr> <tr> <td colspan="2">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +</td> <td colspan="2">\$ 40.00</td> </tr> <tr> <td colspan="2">TOTAL FEES ENCLOSED =</td> <td colspan="2">\$1,500.00</td> </tr> <tr> <td colspan="2"></td> <td>Amount to be: refunded charged</td> <td>\$</td> </tr> </tbody> </table>				CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	TOTAL	24 -20 =	4	X \$ 50.00 \$ 200.00	INDEPENDENT	1 - 3 =		X \$ 200.00	Multiple dependent claims(s) (if applicable)			+ \$360.00 \$ 360.00	TOTAL OF ABOVE CALCULATIONS =			\$1,460.00	National Stage Application Size Fee-for each additional 50 sheets that exceeds 100 sheets \$ 250.00.				Reduction by 1/2 for filing by small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28).				SUBTOTAL =		\$1,460.00		Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). +				TOTAL NATIONAL FEE =		\$1,460.00		Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +		\$ 40.00		TOTAL FEES ENCLOSED =		\$1,500.00				Amount to be: refunded charged	\$
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																																																				
TOTAL	24 -20 =	4	X \$ 50.00 \$ 200.00																																																				
INDEPENDENT	1 - 3 =		X \$ 200.00																																																				
Multiple dependent claims(s) (if applicable)			+ \$360.00 \$ 360.00																																																				
TOTAL OF ABOVE CALCULATIONS =			\$1,460.00																																																				
National Stage Application Size Fee-for each additional 50 sheets that exceeds 100 sheets \$ 250.00.																																																							
Reduction by 1/2 for filing by small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28).																																																							
SUBTOTAL =		\$1,460.00																																																					
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). +																																																							
TOTAL NATIONAL FEE =		\$1,460.00																																																					
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +		\$ 40.00																																																					
TOTAL FEES ENCLOSED =		\$1,500.00																																																					
		Amount to be: refunded charged	\$																																																				
a. <input checked="" type="checkbox"/> A check in the amount of \$1,500.00 to cover the above fees is enclosed. (\$300.00 for basic national stage fee; \$400.00 for national stage search fee; \$200.00 for national stage examination fee; \$200.00 for 4 extra claims in excess of 20; \$360.00 for multiple dependent claims and \$40.00 for assignment recordation fee).																																																							
b. <input type="checkbox"/> Please charge my Deposit Account No. 50-2866 in the amount of \$____ to cover the above fees.																																																							
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2866.																																																							
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.																																																							
Send All Correspondence To:		WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP 1250 Connecticut Avenue NW Suite 700 Washington, DC 20036 CUSTOMER NO. 38834																																																					
Typed or Printed Name: Ken-Ichi Hattori		Reg. No.: 32,861																																																					
Signature 		Date: August 30, 2006																																																					